Contents	Reference to last Measurement
7	8

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

WORK CODE: 006-1

No. B
BR-509/99-2016

Serial No. .....
Name of Work Improvements to Roads and drains at Hegdenagara
Name of Contractor of nature of Agency Executive Engineer, KRIDL, B'lore
Date of commencement of work KBMP/EE/BTP/WO/95/2016-17, Date: 05/08/2016.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	SBR No: 007/16-17 31-08-2016						
	1) Earth work in surface excavation in ordinary soil for levelling and ~~excavation~~ lowering the Ground manually (other than foundation of buildings, culverts, Road drains and trenchs of pipe line and cables) and removing the excavated stuf to a distance not exceeding 50m and lift up to 1.5m excavated surface levelled and neatly dressed disposed Earth to be levelled after breaking of clods and neatly dressed as per specification						
	This Qty is recorded in Premeasurements in this MB, Vide page no: 264687 to 264688 as 285.75 cu.m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	② Rate Rs 159.84 / Cu.m						
②	providing and laying in position plain cement concrete of mix M 1:4:8 with opc cement at 180 kgs with 40mm and down size graded granite metal coarse aggregates at 0.892 cum and fine aggregates at 0.57 cum Machine mixed concrete laid in layers not exceeding 15 cms Thick well compacted in foundation and plinth including cost of all material labour, Hire of Machinery curing complete as per specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	This qty Vide page n

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	providing and laying cement concrete using 20mm and down size granite Jelly of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted Vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings* with stand pumping of concrete with all lead and lifts etc, complete (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete M 20 for raft foundation column footing main and secondary beams and as per specification of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	8th cross Hegde Nagara (Eastern side)
	Checked.
	9th cross Hegdenagara (Near Railway

Contents 7	Reference to last Measurement 8
ussing comm	
mixed concrete	
ck layers and	
shing with necessary	
dings* withstand	
lift & etc,	
and fabrication	
ete M 20 for raft	
condary beams	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264653

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	8th Cross Hegde Nagara (Eastern side)	1×1	6.70	$\frac{7.1+7.1}{2}$	$\frac{0.1+0.1}{2}$	4.75	C/W. m
		1×1	15.0	$\frac{7.1+6.7}{2}$	$\frac{0.1+0.1}{2}$	10.35	-11-
		1×1	15.0	$\frac{6.7+6.5}{2}$	$\frac{0.1+0.1}{2}$	9.90	-11-
	Checked. Site	1×1	15.0	$\frac{6.5+6.3}{2}$	$\frac{0.1+0.1}{2}$	9.45	-11-
	ಅಳತೆ ಪುಸ್ತಕ ಪುಟ ಸಂಖ್ಯೆ-24	1×1	15.0	$\frac{6.3+5.6}{2}$	$\frac{0.1+0.1}{2}$	8.925	-11-
	9th cross Hegdenagara	1×1	15.0	$\frac{4.7+5.1}{2}$	$\frac{0.1+0.12}{2}$	8.82	-11-
	(Near Railwaymens Layout)	1×1	15.0	$\frac{5.1+5.2}{2}$	$\frac{0.12+0.12}{2}$	9.27	-11-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x1	15.0	$\frac{5.2+5.1}{2}$	$\frac{0.12+0.12}{2}$	9.27	cu.m
		1x1	15.0	$\frac{5.1+5.9}{2}$	$\frac{0.12+0.12}{2}$	9.90	-11-
		1x1	15.0	$\frac{5.9+6.4}{2}$	$\frac{0.12+0.10}{2}$	9.225	-11-
		1x1	15.0	$\frac{6.4+8.2}{2}$	$\frac{0.1+0.1}{2}$	11.972	-11-
		1x1	10.40	$\frac{2.6+2.5}{2}$	$\frac{0.1+0.12}{2}$	3.183	-11-
		1x1	27.90	$\frac{1.9+2.7}{2}$	$\frac{0.1+0.1}{2}$	6.417	-11-
					Total	121.04	cu.m

(Southern side Road)

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
(4)	providing, ... 80mm - 100 mm ... of Machinery ... of groove and ... material etc ... lead and lift ... specification ... 8th cross ... Aegdenagar ... (Eastern side

Contents 7	Reference to last Measurement 8
9.27	Cu.m
9.90	-11-
9.225	-11-
11.972	-11-
3.183	-11-
6.417	-11-
121.04	Cu.m

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264654

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(4)	providing, groove, cutting for width of 5mm to 100 mm depth 80mm - 100 mm including cost of cutting machine generator and Hom of Machinery, including cost of blade coolant etc including cleaning of groove and providing Sand and hot bitumen fillars and filler material etc, including cost of conveyance of all materials, labour lead nd lift charges and all other including charges as per Drawing & specification						
	8th cross Cite	1X1	~~7.10~~	7.10	—	7.10	R.m
		—	—	—	—	—	
	Aegdenagara mn	2X1	—	6.90	—	13.80	-11-
	(Eastern side)	2X1		6.60	—	13.20	-11-

ಮುಖ್ಯಾಲಯ ... ಲಯ ವಿಭಾಗ
ಸಿವಿಂಜಿ. ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2×1	–	6.40	–	12.80	M
		2×1	–	6.30	–	12.60	-"-
		2×1	–	5.95	–	11.90	-"-
	8th cross Hegdenagar (New Railwaymen's Colony) East side Northern side)	2×1	–	4.90	–	9.80	-"-
		2×1	–	5.15	–	10.30	-"-
		2×1	–	5.15	–	10.30	-"-
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು	2×1	–	5.50	–	11.00	-"-
		2×1	–	6.15	–	12.30	-"-
		2×1	–	7.30	–	14.60	-"-
	Southern side	2×1	–	2.55	–	5.100	-"-

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agenc

Date of commencement of work .....

Date	Full description, etc, of work
1	2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Vacuum De-watering and Vacuum pump and suction mat and compaction with skin flater clubbed with floating disc including cost of Generator Hom of Machinery Sereed Vibratory power floteorablade and disc etc, with all Lead & lift and as per specification of the work.						
	8th cross	1	6.7	$\frac{7.1+7.1}{2}$	–	47.57	R.M
	tegdenagara	1	15.0	$\frac{7.1+6.7}{2}$	–	103.50	"
	Eastern side) exist	1	15.0	$\frac{6.7+6.5}{2}$	–	99.00	"
	Near ICE Berg	1	15.0	$\frac{6.5+6.3}{2}$	–	96.00	"
	Bakery)	1	15.0	$\frac{6.3+6.3}{2}$	–	94.90	"

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	9th cross (tegdenagara near Railway mens colon Northern side

th	Contents 7	Reference to last Measurement 8
	and sectional mat	
	ced with floating	
	f Machinery Screed	
	tc, with all lead &	
	ook.	
	47.57	Sq.m
	103.50	"
	99.00	"
	96.00	"
	94.90	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264656

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	9th cross (togdenagasa near Railway mens colony) Northern side	1x1	15.0	$\frac{6.3+5.6}{2}$	–	89.25	Sq.m
		1x1	15.0	$\frac{4.7+5.1}{2}$	–	73.50	"
		1x1	15.0	$\frac{5.1+5.2}{2}$	–	77.25	"
		1x1	15.0	$\frac{5.2+5.1}{2}$	–	77.25	"
		1x1	15.0	$\frac{5.1+5.9}{2}$	–	82.50	"
		1x1	15.0	$\frac{5.9+6.40}{2}$	–	92.25	"
		1x1	16.40	$\frac{6.4+8.2}{2}$	–	119.25	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Southern side	1X1	10.40	$\frac{2.6+2.5}{2}$	-	26.52	m^2
		1X1	27.90	$\frac{1.9+2.1}{2}$	-	64.17	c.m.
					Total	1142.98	c.m
						~~64.17~~	
(6)	lead of disposal of debris shall be payable at charges rate by Mechanical means including loading & unloading.						
	This Item of Qty Recorded same as Item No.1						
	= 285.75 c.m						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

21/9/2016

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

21/09/2016

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
SL No.	Particulars
1)	Earth work Excavation
2)	PCC 1:4:8
3)	RMC (M_{20})
4)	Groove cutting (E-Joint)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264657

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		ABSTRACT					
Sl No.	Particulars	Unit	From	To	Qty	Rate	Amount in Rs.
①	Earth work Excavation	cu.m	264651	651/2	285.75	159.84	45673=00
②	PCC 1:4:8	cu.m	264651/2	652	171.45	5070.60	869339=00
③	RMC (M20)	cu.m	264652/2	653/2	121.04	6332.04	766420=00
④	Groove cutting (E-Joint)	R.M.	264654	264655	149.40	150.12	22,427=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
a)	Floating disc	Sq.mt	264655/2	656/2	@ 1142.75	97.20	11,097=00
b)	lead for Disposal	Cu.m	264656/2	-	@ 285.75	62.20	17773=00
						Total	18,32,231=00
						8% KRDL Charges - - - -	146578=00
						1% Labour charges - - -	18322=00
							19,97,131=00
							1978809-

Certificate :-

1) The contractor has done the work & this factor is

2) The contractor has remove the debris from work spot

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
AE - 21/9/2016

31/9/2016
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ. ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	6th cws
	7th cws
	L = 81.70m
	8th cws.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
AE -

Contents	Reference to last Measurement
7	8
97.20	111097=00
62.20	7773=00
Total	18,32,731=00
- - - -	146578=00
- - - -	18322=00
	19,97,131=00
tis factor	1978809-
is from	work spot

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264658

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

N

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	To Hegde nagara Main Road					To Hegde nagara Main Road	* Not to scale
	6th crs						Police Quatrs
	Shakthinagara Main Road (Hegde Nagara Ecstn side)						
	7th crs						
	L = 81.70m						
	8th crs.			L = 38.30m		L = 91.40m	
						9th crs	Police Qts Main Road
	To Shakthinagara					Railway men's Layout	

ಸಹಾಯಕ ಆಯುಕ್ತರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
AE

ಸಹಾಯಕ ಆಯುಕ್ತರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						I.F. 39576-	
						KST - 79152-	
						F-SD. 98940-	
						LWC. 19788-	
						Roy 29682-	
						CBF 1979-	
						2.69.117-	

Audited & Admitted for Rs 1978809-

17.09.692-

Cheque

and Rs 2.69.117- By account

Krishnaprasad

Accts. Supdt.

Byatarayanapura Dn BBMP

Byatarayanapura Dn dBMP

11.V.11

12/x/11

First & Final Bill

Serial No. ..... SBR. No:

Name of Work ... Improvement

Name of Contractor of nature of Agen

Date of commencement of work ... BB

Date	Full description, etc, of work
1	2 BR-5
(1)	Earth work Ex soil for levelling fundation of bo and cables) This page no: 264635. ∴ This Q MB, Vide page ∴ This Qty 77.18 cu.m